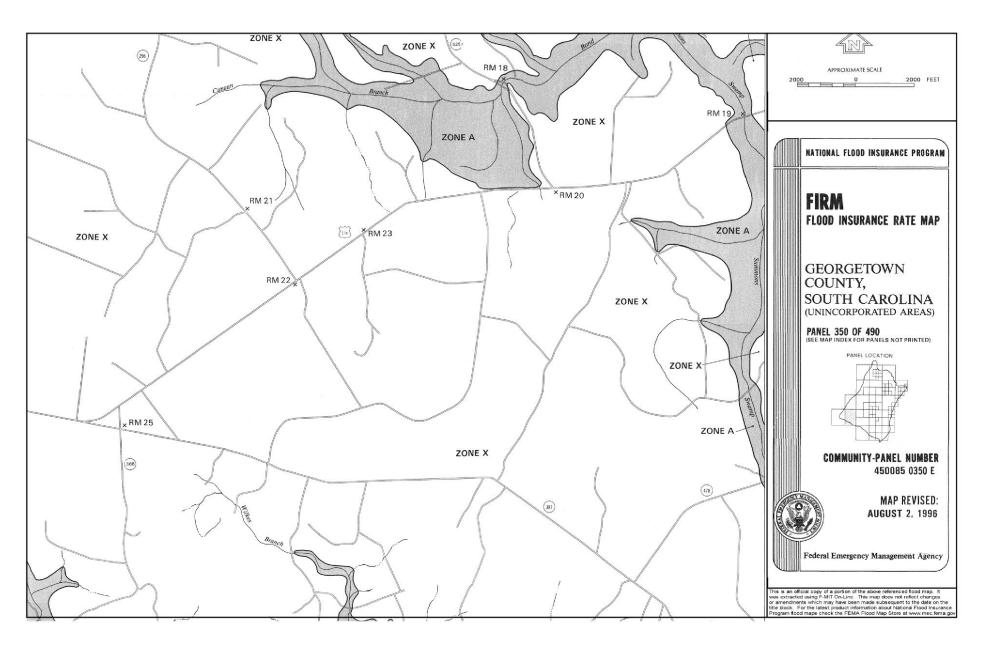


**FDR** 



NATIONAL WETLANDS INVENTORY AND NHD DATASET LAMBERT SITE

FIGURE 8

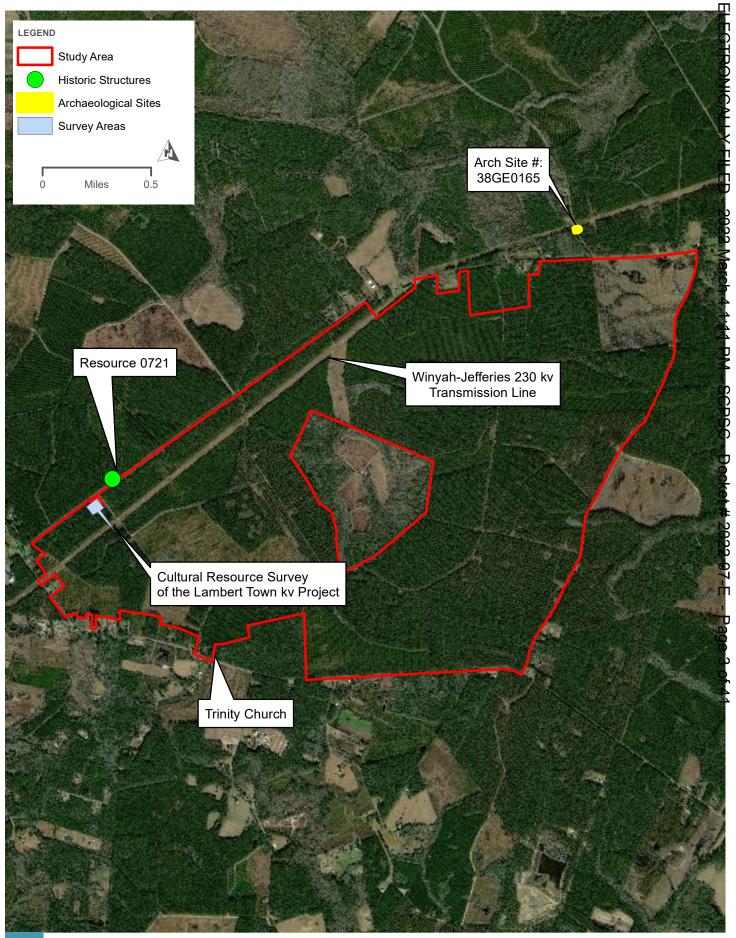


# **FDR**



# FEMA FIRMETTE LAMBERT SITE

FIGURE 9







ARCHSITE DATA

LAMBERT SITE

C

Appendix C – USFWS IPAC Report

IPaC Information for Planning and Consultation u.s. Fish & Wildlife Service

# IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

## Location

Georgetown County, South Carolina



## Local office

South Carolina Ecological Services

**\( (843) 727-4707** 

**(843)** 727-4218

176 Croghan Spur Road, Suite 200 Charleston, SC 29407-7558

http://www.fws.gov/charleston/

IPaC: Explore Location Page 2 of 12

# Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population, even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

- 1. Draw the project location and click CONTINUE.
- 2. Click DEFINE PROJECT.
- 3. Log in (if directed to do so).
- 4. Provide a name and description for your project.
- 5. Click REQUEST SPECIES LIST.

#### Listed species

<sup>1</sup> and their critical habitats are managed by the <u>Ecological Services Program</u> of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries<sup>2</sup>).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact <u>NOAA Fisheries</u> for <u>species under their jurisdiction</u>.

- 1. Species listed under the <u>Endangered Species Act</u> are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the <u>listing status page</u> for more information.
- 2. <u>NOAA Fisheries</u>, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

## **Mammals**

West Indian Manatee Trichechus manatus

Threatened

There is **final** critical habitat for this species. Your location is outside the critical habitat.

https://ecos.fws.gov/ecp/species/4469

Marine mammal

## **Birds**

NAME STATUS

Eastern Black Rail Laterallus jamaicensis ssp. jamaicensis Proposed Threatened No critical habitat has been designated for this species.

https://ecos.fws.gov/ecp/species/10477

Kirtland's Warbler Setophaga kirtlandii (= Dendroica kirtlandii) Endangered

No critical habitat has been designated for this species.

https://ecos.fws.gov/ecp/species/8078

Piping Plover Charadrius melodus Threatened

There is **final** critical habitat for this species. Your location is outside the critical habitat.

https://ecos.fws.gov/ecp/species/6039

Red Knot Calidris canutus rufa Threatened

No critical habitat has been designated for this species.

https://ecos.fws.gov/ecp/species/1864

Red-cockaded Woodpecker Picoides borealis Endangered

No critical habitat has been designated for this species.

https://ecos.fws.gov/ecp/species/7614

Wood Stork Mycteria americana Threatened

No critical habitat has been designated for this species.

https://ecos.fws.gov/ecp/species/8477

# Reptiles

NAME STATUS

Green Sea Turtle Chelonia mydas

No critical habitat has been designated for this species.

https://ecos.fws.gov/ecp/species/6199

Threatened

Kemp's Ridley Sea Turtle Lepidochelys kempii

Endangered

There is **proposed** critical habitat for this species. The location of the critical habitat is not available.

https://ecos.fws.gov/ecp/species/5523

Leatherback Sea Turtle Dermochelys coriacea

Endangered

There is **final** critical habitat for this species. Your location is outside the critical habitat.

https://ecos.fws.gov/ecp/species/1493

Loggerhead Sea Turtle Caretta caretta

Threatened

There is **final** critical habitat for this species. Your location is outside the critical habitat.

https://ecos.fws.gov/ecp/species/1110

# Flowering Plants

NAME STATUS

American Chaffseed Schwalbea americana Endangered

No critical habitat has been designated for this species.

https://ecos.fws.gov/ecp/species/1286

Canby's Dropwort Oxypolis canbyi

Endangered

No critical habitat has been designated for this species.

https://ecos.fws.gov/ecp/species/7738

Pondberry Lindera melissifolia

Endangered

No critical habitat has been designated for this species.

https://ecos.fws.gov/ecp/species/1279

Seabeach Amaranth Amaranthus pumilus

Threatened

No critical habitat has been designated for this species.

https://ecos.fws.gov/ecp/species/8549

## Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

# Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act

<sup>1</sup> and the Bald and Golden Eagle Protection Act<sup>2</sup>.

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described <u>below</u>.

- 1. The Migratory Birds Treaty Act of 1918.
- 2. The <u>Bald and Golden Eagle Protection Act</u> of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern <a href="http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php">http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php</a>
- Measures for avoiding and minimizing impacts to birds
   http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php
- Nationwide conservation measures for birds
   http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf

The birds listed below are birds of particular concern either because they occur on the <u>USFWS Birds of Conservation Concern</u> (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ <u>below</u>. This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the <u>E-bird data mapping tool</u> (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found <u>below</u>.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME

BREEDING SEASON (IF A BREEDING SEASON IS INDICATED FOR A BIRD ON YOUR LIST, THE BIRD MAY BREED IN YOUR PROJECT AREA SOMETIME WITHIN THE TIMEFRAME SPECIFIED, WHICH IS A VERY LIBERAL ESTIMATE OF THE DATES INSIDE WHICH THE BIRD BREEDS ACROSS ITS ENTIRE RANGE. "BREEDS ELSEWHERE" INDICATES THAT THE BIRD DOES NOT LIKELY BREED IN YOUR PROJECT AREA.)

Prothonotary Warbler Protonotaria citrea

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds Apr 1 to Jul 31

# **Probability of Presence Summary**

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

### Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

- 1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
- 2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
- 3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

### Breeding Season (

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

### Survey Effort (|)

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

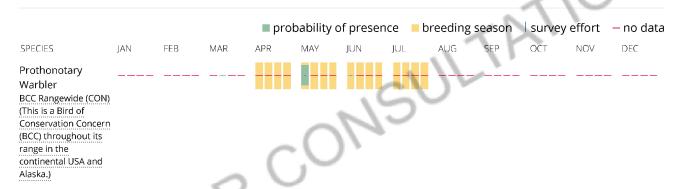
To see a bar's survey effort range, simply hover your mouse cursor over the bar.

#### No Data (-)

A week is marked as having no data if there were no survey events for that week.

#### **Survey Timeframe**

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures and/or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

### What does IPaC use to generate the migratory birds potentially occurring in my specified location?

The Migratory Bird Resource List is comprised of USFWS <u>Birds of Conservation Concern (BCC)</u> and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the <u>Avian Knowledge Network (AKN)</u>. The AKN data is based on a growing collection of <u>survey</u>, <u>banding</u>, <u>and citizen science datasets</u> and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (<u>Eagle Act</u> requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the <a href="AKN Phenology Tool">AKN Phenology Tool</a>.

IPaC: Explore Location Page 8 of 12

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the <u>Avian Knowledge Network (AKN)</u>. This data is derived from a growing collection of <u>survey, banding, and citizen science datasets</u>.

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

#### How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: The Cornell Lab of Ornithology All About Birds Bird Guide, or (if you are unsuccessful in locating the bird of interest there), the Cornell Lab of Ornithology Neotropical Birds guide. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

#### What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

- 1. "BCC Rangewide" birds are <u>Birds of Conservation Concern</u> (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
- 2. "BCC BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
- 3. "Non-BCC Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the <u>Eagle Act</u> requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

#### Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the <u>Northeast Ocean Data Portal</u>. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the <u>NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.</u>

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the <u>Diving Bird Study</u> and the <u>nanotag studies</u> or contact <u>Caleb Spiegel</u> or <u>Pam Loring</u>.

#### What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to <u>obtain a permit</u> to avoid violating the Eagle Act should such impacts occur.

#### Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

OT FOR CONSULTAT

# Marine mammals

Marine mammals are protected under the <u>Marine Mammal Protection Act</u>. Some are also protected under the Endangered Species Act

<sup>1</sup> and the Convention on International Trade in Endangered Species of Wild Fauna and Flora<sup>2</sup>.

The responsibilities for the protection, conservation, and management of marine mammals are shared by the U.S. Fish and Wildlife Service [responsible for otters, walruses, polar bears, manatees, and dugongs] and NOAA Fisheries

<sup>3</sup> [responsible for seals, sea lions, whales, dolphins, and porpoises]. Marine mammals under the responsibility of NOAA Fisheries are **not** shown on this list; for additional information on those species please visit the <u>Marine Mammals</u> page of the NOAA Fisheries website.

The Marine Mammal Protection Act prohibits the take (to harass, hunt, capture, kill, or attempt to harass, hunt, capture or kill) of marine mammals and further coordination may be necessary for project evaluation. Please contact the U.S. Fish and Wildlife Service Field Office shown.

- 1. The Endangered Species Act (ESA) of 1973.
- 2. The <u>Convention on International Trade in Endangered Species of Wild Fauna and Flora</u> (CITES) is a treaty to ensure that international trade in plants and animals does not threaten their survival in the wild.
- 3. <u>NOAA Fisheries</u>, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following marine mammals under the responsibility of the U.S. Fish and Wildlife Service are potentially affected by activities in this location:

NAME

**West Indian Manatee** Trichechus manatus https://ecos.fws.gov/ecp/species/4469

# **Facilities**

# National Wildlife Refuge lands

Any activity proposed on lands managed by the <u>National Wildlife Refuge</u> system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS AT THIS LOCATION.

## Fish hatcheries

THERE ARE NO FISH HATCHERIES AT THIS LOCATION.

# Wetlands in the National Wetlands Inventory

Impacts to <u>NWI wetlands</u> and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local <u>U.S. Army Corps of Engineers</u> <u>District</u>.

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

This location overlaps the following wetlands:

```
FRESHWATER EMERGENT WETLAND
PEM1C

FRESHWATER FORESTED/SHRUB WETLAND
PFO1A
PFO1C
PFO4Ad
PSS1C
PSS1/4A
PFO1/4C
PSS1Cd
PFO4B
PFO4B
PFO1/4A

FRESHWATER POND
```

A full description for each wetland code can be found at the National Wetlands Inventory website

#### **Data limitations**

**PUBHx** 

R5UBH R4SBC

RIVERINE

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

#### Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

#### Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.



Appendix D – EDR Radius Map Report

Saints Delight Rd Georgetown, SC 29440

Inquiry Number: 5734594.5s

July 31, 2019

# **EDR Area / Corridor Report**



## **TABLE OF CONTENTS**

| SECTION  | PAGE     |
|--|----------|
| Executive Summary                                  | ES1      |
| Mapped Sites Summary                               | 2        |
| Key Map.   | <b>2</b> |
| Map Findings Summary                               | 3        |
| Focus Maps.  | 7        |
| Map Findings.                                      | 31       |
| Orphan Summary                                     | OR-1     |
| Government Records Searched/Data Currency Tracking | GR-1     |

**Thank you for your business.**Please contact EDR at 1-800-352-0050 with any questions or comments.

#### **Disclaimer - Copyright and Trademark Notice**

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2019 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

## **EXECUTIVE SUMMARY**

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

#### SUBJECT PROPERTY INFORMATION

#### **ADDRESS**

SAINTS DELIGHT RD GEORGETOWN, SC 29440

#### TARGET PROPERTY SEARCH RESULTS

The Target Property was identified in the following databases.

Page Numbers and Map Identifications refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

Sites listed in **bold italics** are in multiple databases.

#### **SURROUNDING SITES: SEARCH RESULTS**

Surrounding sites were identified in the following databases.

Page Numbers and Map Identifications refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

Sites listed in **bold italics** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

#### STANDARD ENVIRONMENTAL RECORDS

## State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank List

A review of the LUST list, as provided by EDR, and dated 05/07/2019 has revealed that there is 1 LUST site within approximately 0.5 miles of the requested target property.

| Site  | Address            | Direction / Distance    | Map ID / Focus Map(s) | Page |
|-------|--------------------|-------------------------|-----------------------|------|
| MAMAS | 8220 ST DELIGHT RD | W 1/8 - 1/4 (0.130 mi.) | 1/5                   | 30   |

No Action Required: 10/23/2007 Substance: PETROL

Facility Id: 14690

## **EXECUTIVE SUMMARY**

## State and tribal registered storage tank lists

UST: Comprehensive Underground Storage Tanks

A review of the UST list, as provided by EDR, and dated 04/26/2019 has revealed that there is 1 UST site within approximately 0.25 miles of the requested target property.

| Site  | Address            | Direction / Distance    | Map ID / Focus Map(s) | Page |
|-------|--------------------|-------------------------|-----------------------|------|
| MAMAS | 8220 ST DELIGHT RD | W 1/8 - 1/4 (0.130 mi.) | 1/5                   | 30   |

Facility Id: 14690 Status: Abandoned

## MAPPED SITES SUMMARY

Target Property: SAINTS DELIGHT RD GEORGETOWN, SC 29440

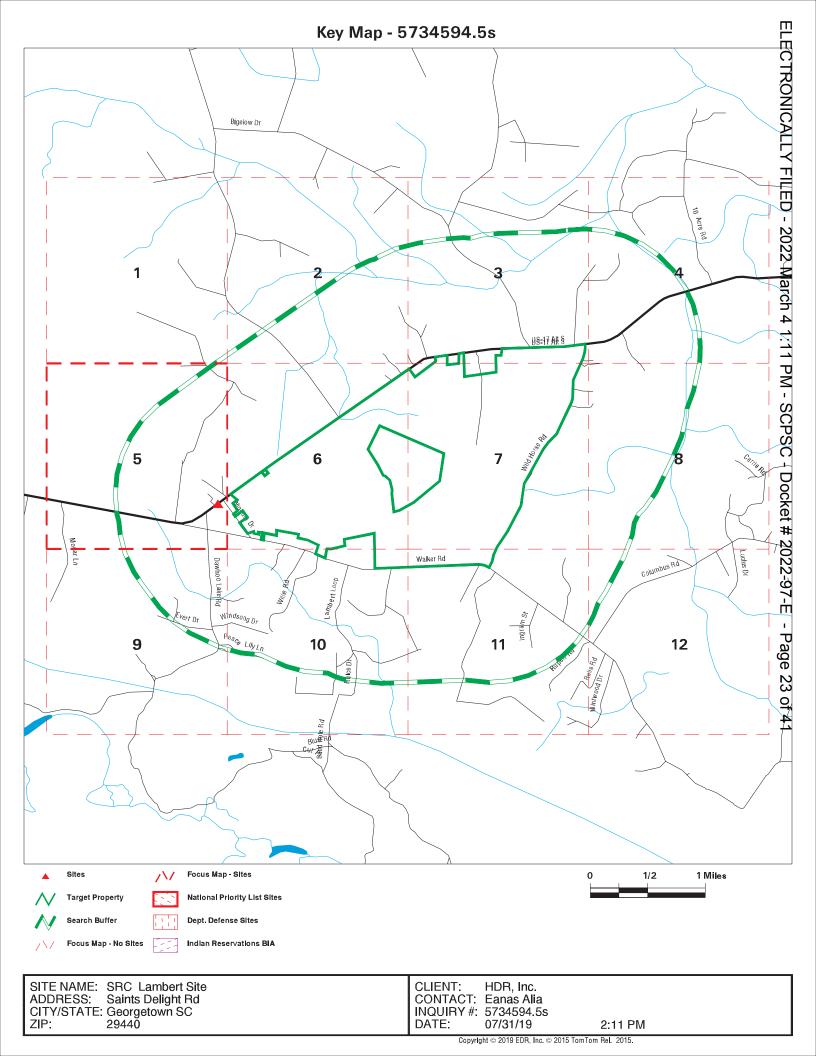
 MAP ID /
 DIST (ft. & mi.)

 FOCUS MAP
 SITE NAME
 ADDRESS
 DATABASE ACRONYMS
 DIRECTION

 1/5
 MAMAS
 8220 ST DELIGHT RD
 LUST, UST, Financial Assurance
 687
 0.130
 Work

0.130 West

ELECTRONICALLY FILE p - 2022 March 4 1:11 PM - SCPSC - Docket # 2022-97-E - Page 22 of 41



| Database  | Search<br>Distance<br>(Miles) | Target<br>Property | < 1/8       | 1/8 - 1/4   | 1/4 - 1/2      | 1/2 - 1        | > 1            | Total<br>Plotted |
|---|-------------------------------|--------------------|-------------|-------------|----------------|----------------|----------------|------------------|
| STANDARD ENVIRONMEN                                   | NTAL RECORD                   | <u>s</u>           |             |             |                |                |                |                  |
| Federal NPL site list                                 |                               |                    |             |             |                |                |                |                  |
| NPL<br>Proposed NPL<br>NPL LIENS                      | 1.000<br>1.000<br>1.000       |                    | 0<br>0<br>0 | 0<br>0<br>0 | 0<br>0<br>0    | 0<br>0<br>0    | NR<br>NR<br>NR | 0<br>0<br>0      |
| Federal Delisted NPL sit                              | e list                        |                    |             |             |                |                |                |                  |
| Delisted NPL  | 1.000                         |                    | 0           | 0           | 0              | 0              | NR             | 0                |
| Federal CERCLIS list                                  |                               |                    |             |             |                |                |                |                  |
| FEDERAL FACILITY<br>SEMS                              | 0.500<br>0.500                |                    | 0<br>0      | 0<br>0      | 0<br>0         | NR<br>NR       | NR<br>NR       | 0<br>0           |
| Federal CERCLIS NFRA                                  | P site list                   |                    |             |             |                |                |                |                  |
| SEMS-ARCHIVE  | 0.500                         |                    | 0           | 0           | 0              | NR             | NR             | 0                |
| Federal RCRA CORRAC                                   | TS facilities l               | ist                |             |             |                |                |                |                  |
| CORRACTS  | 1.000                         |                    | 0           | 0           | 0              | 0              | NR             | 0                |
| Federal RCRA non-COR                                  | RACTS TSD                     | facilities list    |             |             |                |                |                |                  |
| RCRA-TSDF   | 0.500                         |                    | 0           | 0           | 0              | NR             | NR             | 0                |
| Federal RCRA generator                                | rs list                       |                    |             |             |                |                |                |                  |
| RCRA-LQG<br>RCRA-SQG<br>RCRA-CESQG                    | 0.250<br>0.250<br>0.250       |                    | 0<br>0<br>0 | 0<br>0<br>0 | NR<br>NR<br>NR | NR<br>NR<br>NR | NR<br>NR<br>NR | 0<br>0<br>0      |
| Federal institutional con<br>engineering controls reg |                               |                    |             |             |                |                |                |                  |
| LUCIS<br>US ENG CONTROLS<br>US INST CONTROL           | 0.500<br>0.500<br>0.500       |                    | 0<br>0<br>0 | 0<br>0<br>0 | 0<br>0<br>0    | NR<br>NR<br>NR | NR<br>NR<br>NR | 0<br>0<br>0      |
| Federal ERNS list                                     |                               |                    |             |             |                |                |                |                  |
| ERNS  | TP                            |                    | NR          | NR          | NR             | NR             | NR             | 0                |
| State- and tribal - equiva                            | lent CERCLI                   | S                  |             |             |                |                |                |                  |
| SHWS  | 1.000                         |                    | 0           | 0           | 0              | 0              | NR             | 0                |
| State and tribal landfill a solid waste disposal site |                               |                    |             |             |                |                |                |                  |
| SWF/LF  | 0.500                         |                    | 0           | 0           | 0              | NR             | NR             | 0                |
| State and tribal leaking s                            | storage tank l                | lists              |             |             |                |                |                |                  |
| LUST<br>INDIAN LUST                                   | 0.500<br>0.500                |                    | 0<br>0      | 1<br>0      | 0<br>0         | NR<br>NR       | NR<br>NR       | 1<br>0           |
| State and tribal registere                            | ed storage tal                | nk lists           |             |             |                |                |                |                  |
| FEMA UST  | 0.250                         |                    | 0           | 0           | NR             | NR             | NR             | 0                |

| Database  |   | Target<br>Property | < 1/8   | 1/8 - 1/4            | 1/4 - 1/2            | 1/2 - 1                    | > 1                        | Total<br>Plotted |
|---|---|--------------------|---|----------------------|----------------------|----------------------------|----------------------------|------------------|
| Database  | (Willes)                                  | Порену             | <del>\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ </del> | 1/0 - 1/4            | 1/4 - 1/2            | 1/2 - 1                    |                            | 1 lotted         |
| UST<br>AST<br>INDIAN UST  | 0.250<br>0.250<br>0.250                   |                    | 0<br>0<br>0                                       | 1<br>0<br>0          | NR<br>NR<br>NR       | NR<br>NR<br>NR             | NR<br>NR<br>NR             | 1<br>0<br>0      |
| State and tribal institutio control / engineering con           |   |                    |   |                      |                      |                            |                            |                  |
| RCR<br>AUL  | 0.500<br>0.500                            |                    | 0<br>0  | 0<br>0               | 0<br>0               | NR<br>NR                   | NR<br>NR                   | 0<br>0           |
| State and tribal voluntary                                      | y cleanup sites                           |                    |   |                      |                      |                            |                            |                  |
| INDIAN VCP<br>VCP   | 0.500<br>0.500                            |                    | 0<br>0  | 0<br>0               | 0<br>0               | NR<br>NR                   | NR<br>NR                   | 0<br>0           |
| State and tribal Brownfie                                       | elds sites                                |                    |   |                      |                      |                            |                            |                  |
| BROWNFIELDS   | 0.500                                     |                    | 0   | 0                    | 0                    | NR                         | NR                         | 0                |
| ADDITIONAL ENVIRONME  | NTAL RECORDS                              |                    |   |                      |                      |                            |                            |                  |
| Local Brownfield lists  |   |                    |   |                      |                      |                            |                            |                  |
| US BROWNFIELDS  | 0.500                                     |                    | 0   | 0                    | 0                    | NR                         | NR                         | 0                |
| Local Lists of Landfill / S<br>Waste Disposal Sites             |   |                    | Ü   | Ü                    | Ü                    | 7417                       | MX                         | 0                |
| SWRCY<br>INDIAN ODI<br>DEBRIS REGION 9<br>ODI<br>IHS OPEN DUMPS | 0.500<br>0.500<br>0.500<br>0.500<br>0.500 |                    | 0<br>0<br>0<br>0                                  | 0<br>0<br>0<br>0     | 0<br>0<br>0<br>0     | NR<br>NR<br>NR<br>NR<br>NR | NR<br>NR<br>NR<br>NR<br>NR | 0<br>0<br>0<br>0 |
| Local Lists of Hazardous<br>Contaminated Sites                  | s waste /                                 |                    |   |                      |                      |                            |                            |                  |
| US HIST CDL<br>ALLSITES<br>CDL<br>US CDL                        | TP<br>0.500<br>TP<br>TP                   |                    | NR<br>0<br>NR<br>NR                               | NR<br>0<br>NR<br>NR  | NR<br>0<br>NR<br>NR  | NR<br>NR<br>NR<br>NR       | NR<br>NR<br>NR<br>NR       | 0<br>0<br>0<br>0 |
| Local Land Records  |   |                    |   |                      |                      |                            |                            |                  |
| LIENS 2   | TP  |                    | NR  | NR                   | NR                   | NR                         | NR                         | 0                |
| Records of Emergency R  | Release Reports                           | 5                  |   |                      |                      |                            |                            |                  |
| HMIRS<br>SPILLS<br>SPILLS 90<br>SPILLS 80                       | TP<br>TP<br>TP<br>TP                      |                    | NR<br>NR<br>NR<br>NR                              | NR<br>NR<br>NR<br>NR | NR<br>NR<br>NR<br>NR | NR<br>NR<br>NR<br>NR       | NR<br>NR<br>NR<br>NR       | 0<br>0<br>0      |
| Other Ascertainable Rec   | ords                                      |                    |   |                      |                      |                            |                            |                  |
| RCRA NonGen / NLR<br>FUDS<br>DOD<br>SCRD DRYCLEANERS            | 0.250<br>1.000<br>1.000<br>0.500          |                    | 0<br>0<br>0<br>0                                  | 0<br>0<br>0<br>0     | NR<br>0<br>0<br>0    | NR<br>0<br>0<br>NR         | NR<br>NR<br>NR<br>NR       | 0<br>0<br>0      |

| Database                        | Search<br>Distance<br>(Miles)     | Target<br>Property | < 1/8   | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1  | > 1               | Total<br>Plotted |
|---------------------------------|-----------------------------------|--------------------|---------|-----------|-----------|----------|-------------------|------------------|
| Database                        | (IVIIIes)                         | Property           | < 1/0   | 1/0 - 1/4 | 1/4 - 1/2 | 1/2 - 1  | <del>&gt; 1</del> | Flotted          |
| US FIN ASSUR                    | TP                                |                    | NR      | NR        | NR        | NR       | NR                | 0                |
| EPA WATCH LIST                  | TP                                |                    | NR      | NR        | NR        | NR       | NR                | 0                |
| 2020 COR ACTION                 | 0.250                             |                    | 0       | 0         | NR        | NR       | NR                | 0                |
| TSCA                            | TP                                |                    | NR      | NR        | NR        | NR       | NR                | 0                |
| TRIS                            | TP                                |                    | NR      | NR        | NR        | NR       | NR                | 0                |
| SSTS<br>ROD                     | TP<br>1.000                       |                    | NR<br>0 | NR<br>0   | NR<br>0   | NR<br>0  | NR<br>NR          | 0<br>0           |
| RMP                             | TP                                |                    | NR      | NR        | NR        | NR       | NR                | 0                |
| RAATS                           | TP                                |                    | NR      | NR        | NR        | NR       | NR                | 0                |
| PRP                             | TP                                |                    | NR      | NR        | NR        | NR       | NR                | Ö                |
| PADS                            | TP                                |                    | NR      | NR        | NR        | NR       | NR                | 0                |
| ICIS                            | TP                                |                    | NR      | NR        | NR        | NR       | NR                | 0                |
| FTTS                            | TP                                |                    | NR      | NR        | NR        | NR       | NR                | 0                |
| MLTS                            | TP                                |                    | NR      | NR        | NR        | NR       | NR                | 0                |
| COAL ASH DOE                    | TP                                |                    | NR      | NR        | NR        | NR       | NR                | 0                |
| COAL ASH EPA<br>PCB TRANSFORMER | 0.500<br>TP                       |                    | 0<br>NR | 0<br>NR   | 0<br>NR   | NR<br>NR | NR<br>NR          | 0<br>0           |
| RADINFO                         | TP                                |                    | NR      | NR        | NR        | NR       | NR                | 0                |
| HIST FTTS                       | TP                                |                    | NR      | NR        | NR        | NR       | NR                | 0                |
| DOT OPS                         | TP                                |                    | NR      | NR        | NR        | NR       | NR                | Õ                |
| CONSENT                         | 1.000                             |                    | 0       | 0         | 0         | 0        | NR                | 0                |
| INDIAN RESERV                   | 1.000                             |                    | 0       | 0         | 0         | 0        | NR                | 0                |
| FUSRAP                          | 1.000                             |                    | 0       | 0         | 0         | 0        | NR                | 0                |
| UMTRA                           | 0.500                             |                    | 0       | 0         | 0         | NR       | NR                | 0                |
| LEAD SMELTERS                   | TP                                |                    | NR      | NR        | NR        | NR       | NR                | 0                |
| US AIRS<br>US MINES             | TP<br>0.250                       |                    | NR<br>0 | NR<br>0   | NR<br>NR  | NR<br>NR | NR<br>NR          | 0<br>0           |
| ABANDONED MINES                 | 0.250                             |                    | 0       | 0         | NR        | NR       | NR                | 0                |
| FINDS                           | TP                                |                    | NR      | NR        | NR        | NR       | NR                | 0                |
| UXO                             | 1.000                             |                    | 0       | 0         | 0         | 0        | NR                | Ö                |
| ECHO                            | TP                                |                    | NR      | NR        | NR        | NR       | NR                | 0                |
| DOCKET HWC                      | TP                                |                    | NR      | NR        | NR        | NR       | NR                | 0                |
| FUELS PROGRAM                   | 0.250                             |                    | 0       | 0         | NR        | NR       | NR                | 0                |
| AIRS                            | TP                                |                    | NR      | NR        | NR        | NR       | NR                | 0                |
| ASBESTOS                        | TP                                |                    | NR      | NR        | NR        | NR       | NR                | 0                |
| COAL ASH<br>DRYCLEANERS         | 0.500<br>0.250                    |                    | 0<br>0  | 0<br>0    | 0<br>NR   | NR<br>NR | NR<br>NR          | 0<br>0           |
| Financial Assurance             | TP                                |                    | NR      | NR        | NR<br>NR  | NR       | NR                | 0                |
| GWCI                            | 0.500                             |                    | 0       | 0         | 0         | NR       | NR                | 0                |
| NPDES                           | TP                                |                    | NR      | NR        | NR        | NR       | NR                | Ö                |
| UIC                             | TP                                |                    | NR      | NR        | NR        | NR       | NR                | 0                |
| EDR HIGH RISK HISTORIC          | AL DECODOS                        |                    |         |           |           |          |                   |                  |
| LDK HIGH KIGK HIGTORIC          | AL KLOOKDO                        |                    |         |           |           |          |                   |                  |
| EDR Exclusive Records           |                                   |                    |         |           |           |          |                   |                  |
| EDR MGP                         | 1.000                             |                    | 0       | 0         | 0         | 0        | NR                | 0                |
| EDR Hist Auto                   | 0.125                             |                    | 0       | NR        | NR        | NR       | NR                | 0                |
| EDR Hist Cleaner                | 0.125                             |                    | 0       | NR        | NR        | NR       | NR                | 0                |
| EDR RECOVERED GOVER             | EDR RECOVERED GOVERNMENT ARCHIVES |                    |         |           |           |          |                   |                  |
| Exclusive Recovered Go          | vt. Archives                      |                    |         |           |           |          |                   |                  |
| RGA HWS                         | TP                                |                    | NR      | NR        | NR        | NR       | NR                | 0                |

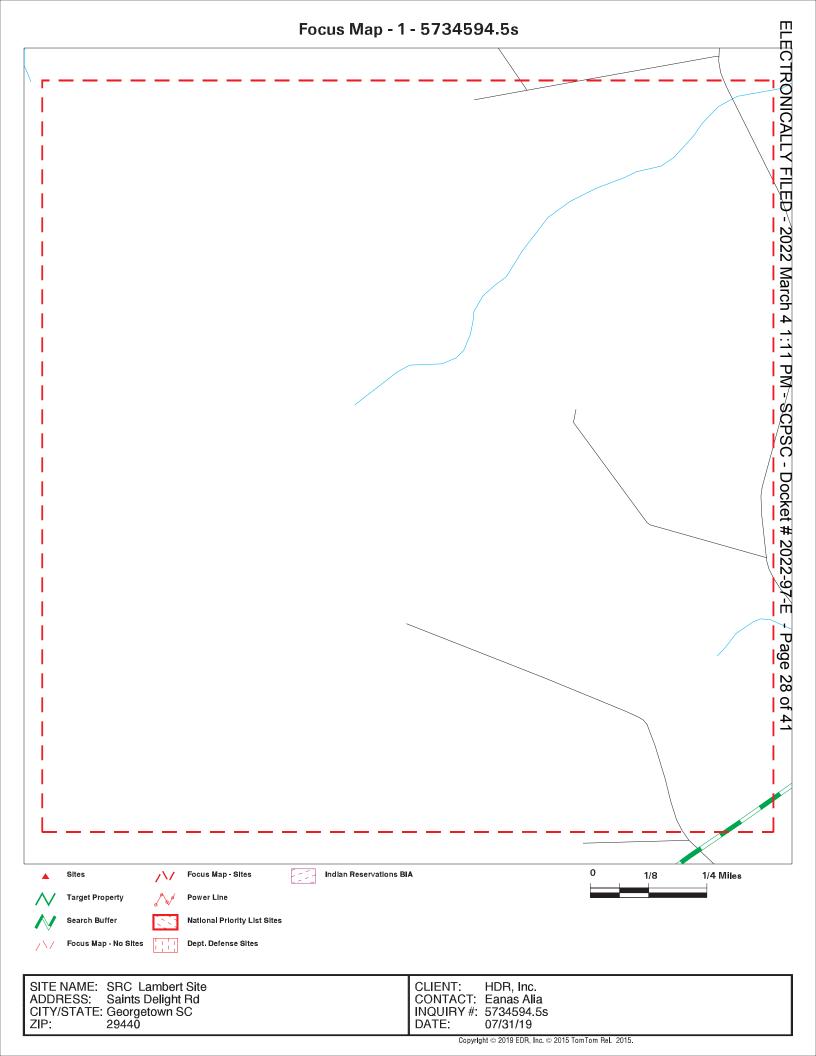
| Database | Search<br>Distance<br>(Miles) | Target<br>Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | <u>&gt; 1</u> | Total<br>Plotted |
|----------|-------------------------------|--------------------|-------|-----------|-----------|---------|---------------|------------------|
| RGA LF   | TP                            |                    | NR    | NR        | NR        | NR      | NR            | 0                |
| RGA LUST | TP                            |                    | NR    | NR        | NR        | NR      | NR            | 0                |
| - Totals |                               | 0                  | 0     | 2         | 0         | 0       | 0             | 2                |

## NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database



Target Property: SAINTS DELIGHT RD GEORGETOWN, SC 29440

MAP ID / FOCUS MAP SITE NAME

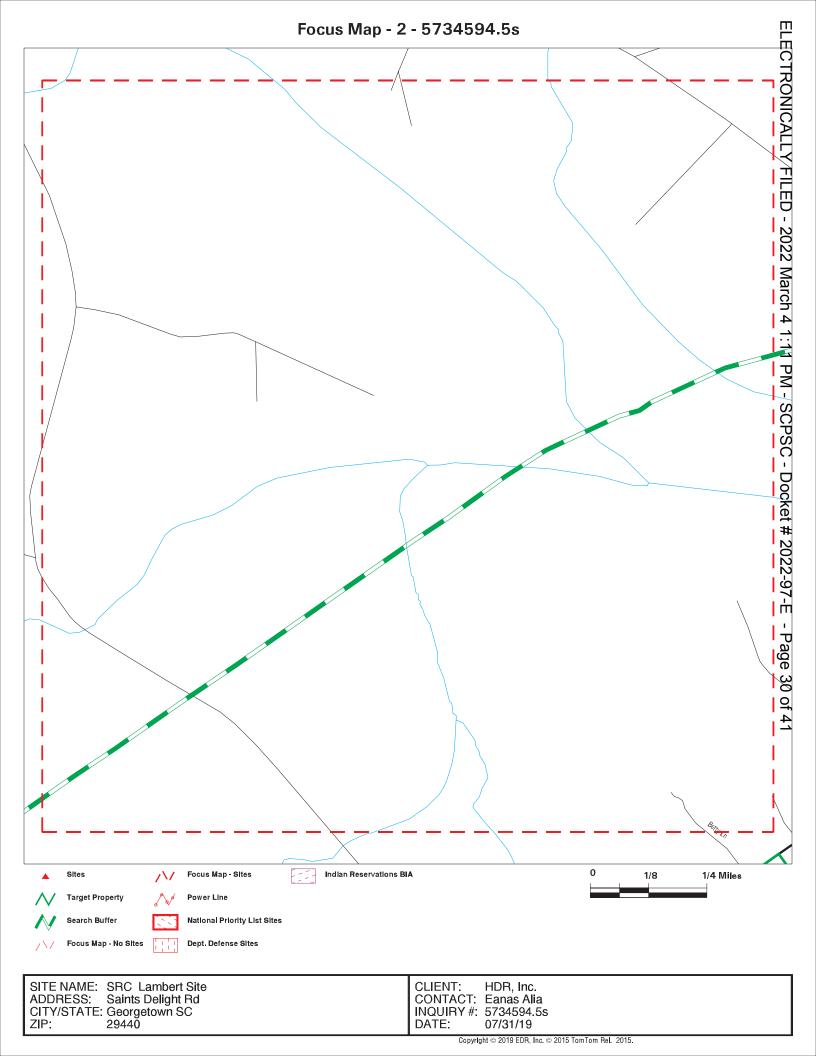
ADDRESS

DATABASE ACRONYMS

DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

ELECTRONICALLY FILE p - 2022 March 4 1:11 PM - SCPSC - Docket # 2022-97-E - Page 29 of 41



Target Property: SAINTS DELIGHT RD GEORGETOWN, SC 29440

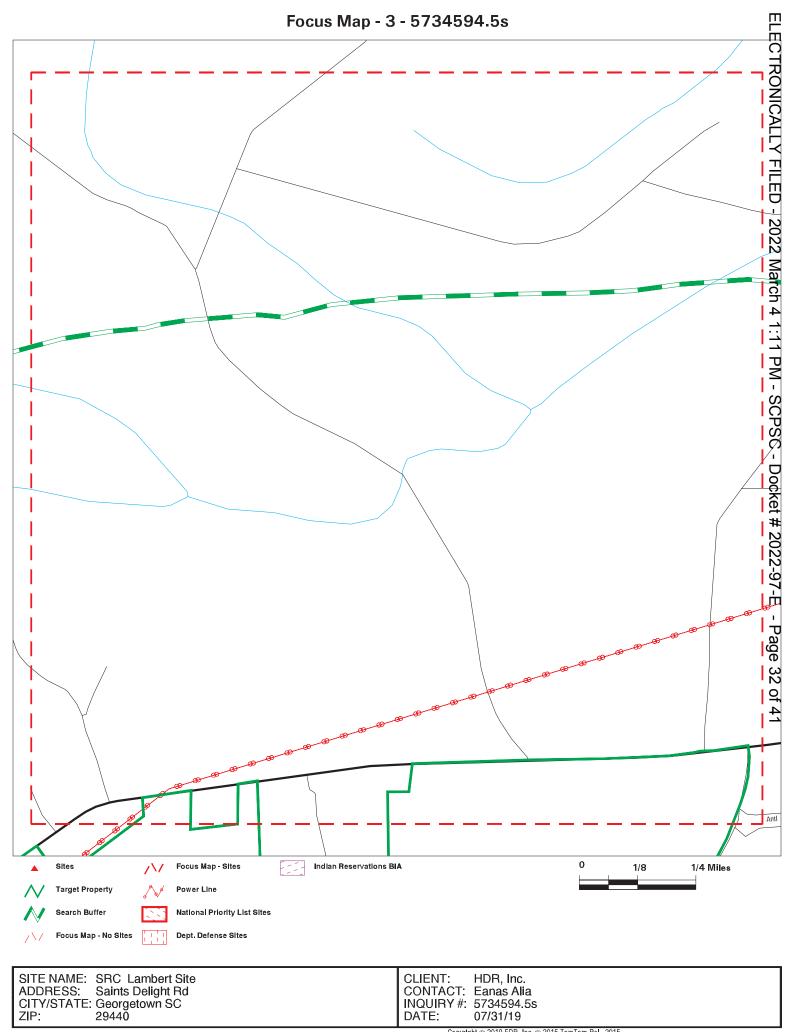
MAP ID /
FOCUS MAP SITE NAME ADDRESS

S DATABASE ACRONYMS

DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

ELECTRONICALLY FILED - 2022 March 4 1:11 PM - SCPSC - Docket # 2022-97-E - Page 31 of 41



Target Property: SAINTS DELIGHT RD GEORGETOWN, SC 29440

MAP ID / FOCUS MAP SITE NAME

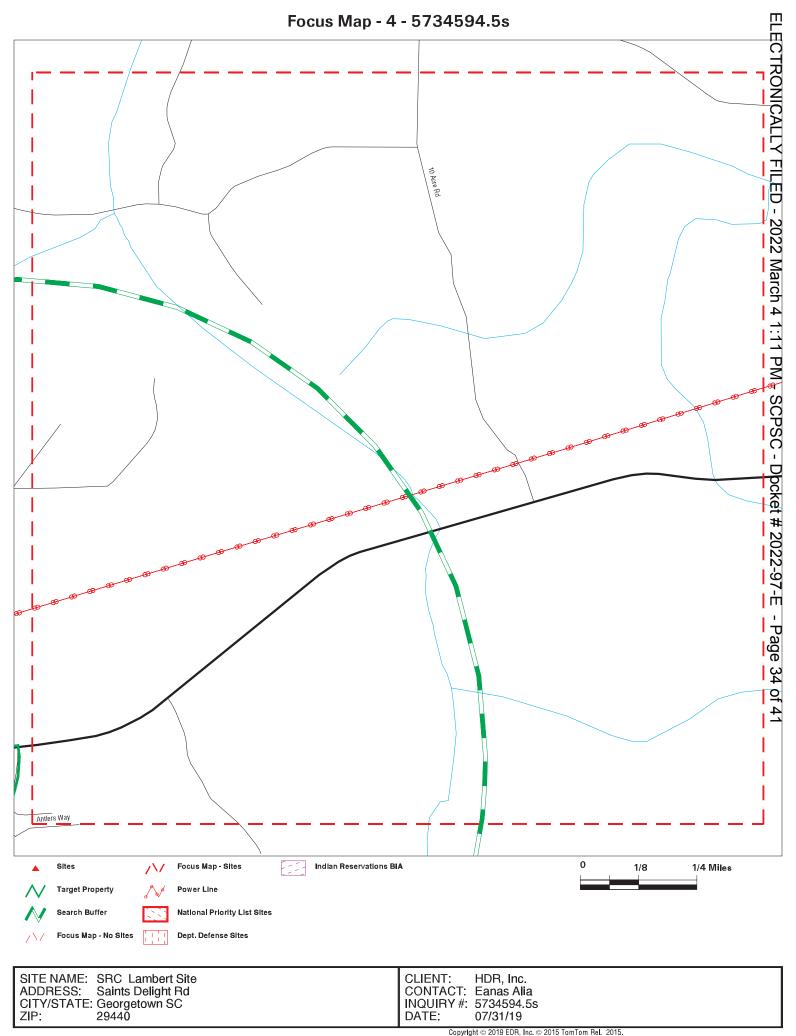
ADDRESS

DATABASE ACRONYMS

DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

ELECTRONICALLY FILE p - 2022 March 4 1:11 PM - SCPSC - Docket # 2022-97-E - Page 33 of 41



Target Property: SAINTS DELIGHT RD GEORGETOWN, SC 29440

MAP ID / FOCUS MAP SITE NAME

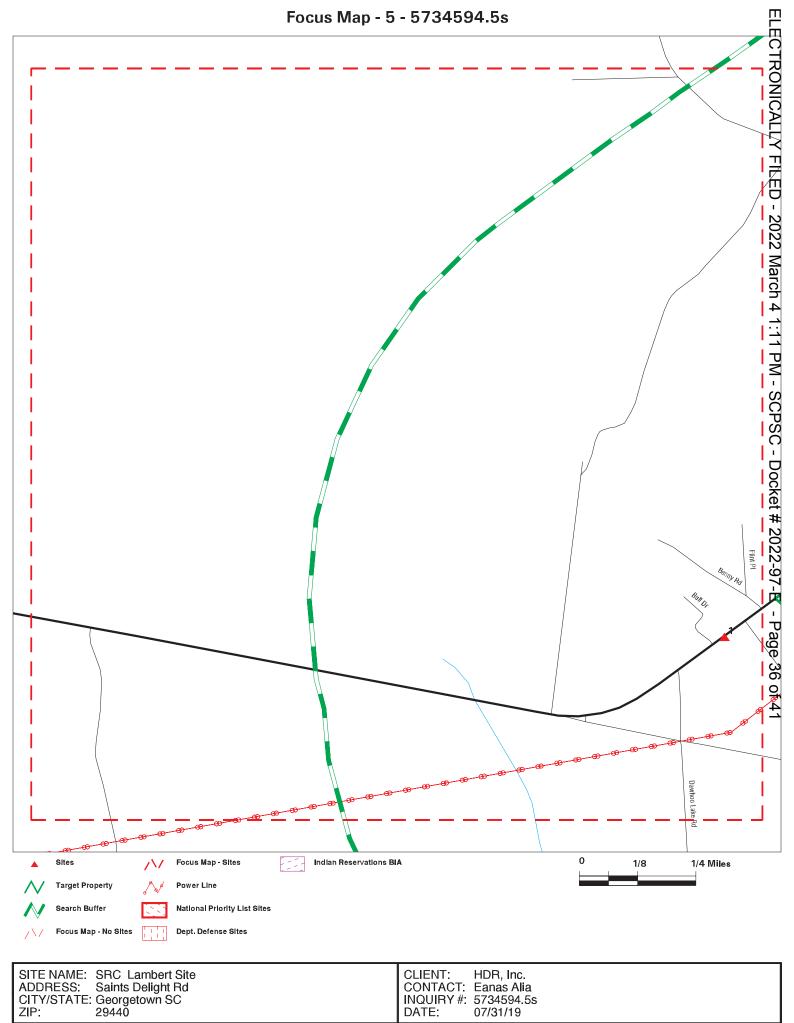
ADDRESS

DATABASE ACRONYMS

DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

ELECTRONICALLY FILE p - 2022 March 4 1:11 PM - SCPSC - Docket # 2022-97-E - Page 35 of 41

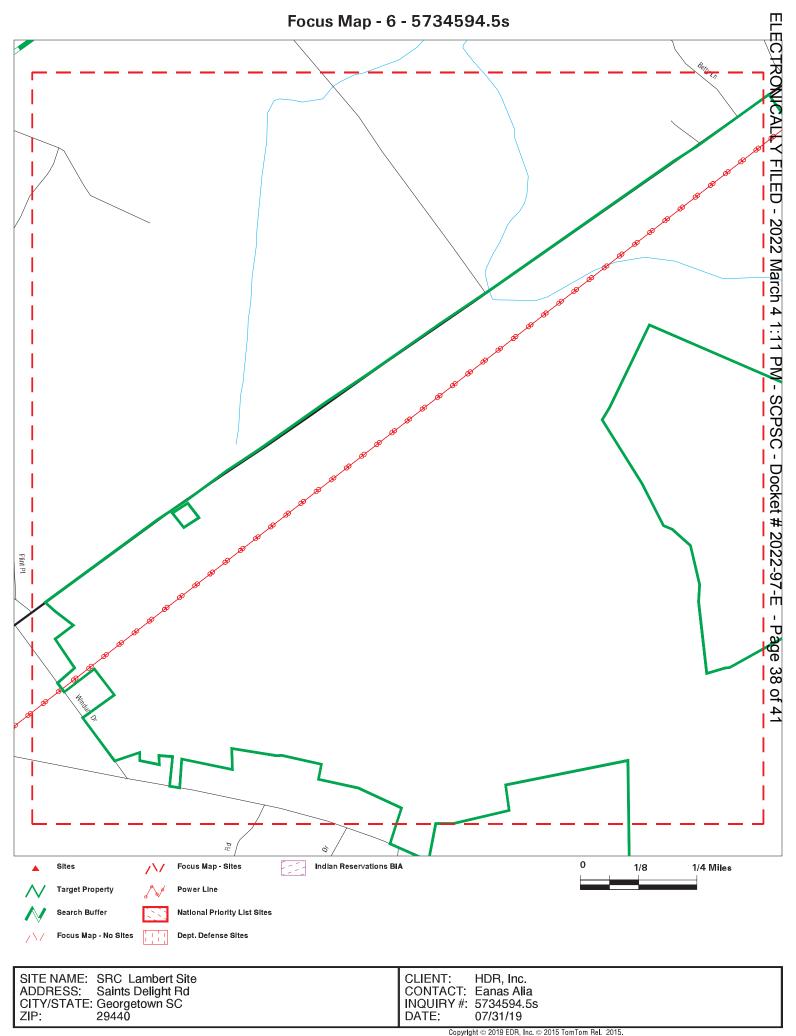


ELECTRONICALLY FILE p - 2022 March 4 1:11 PM - SCPSC - Docket # 2022-97-E - Page 37 of 41

Target Property: SAINTS DELIGHT RD GEORGETOWN, SC 29440

MAP ID / DIST (ft. & mi.) FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS DIRECTION

1/5 MAMAS 8220 ST DELIGHT RD LUST, UST, Financial Assurance 687 0.130 West



Target Property: SAINTS DELIGHT RD GEORGETOWN, SC 29440

MAP ID /

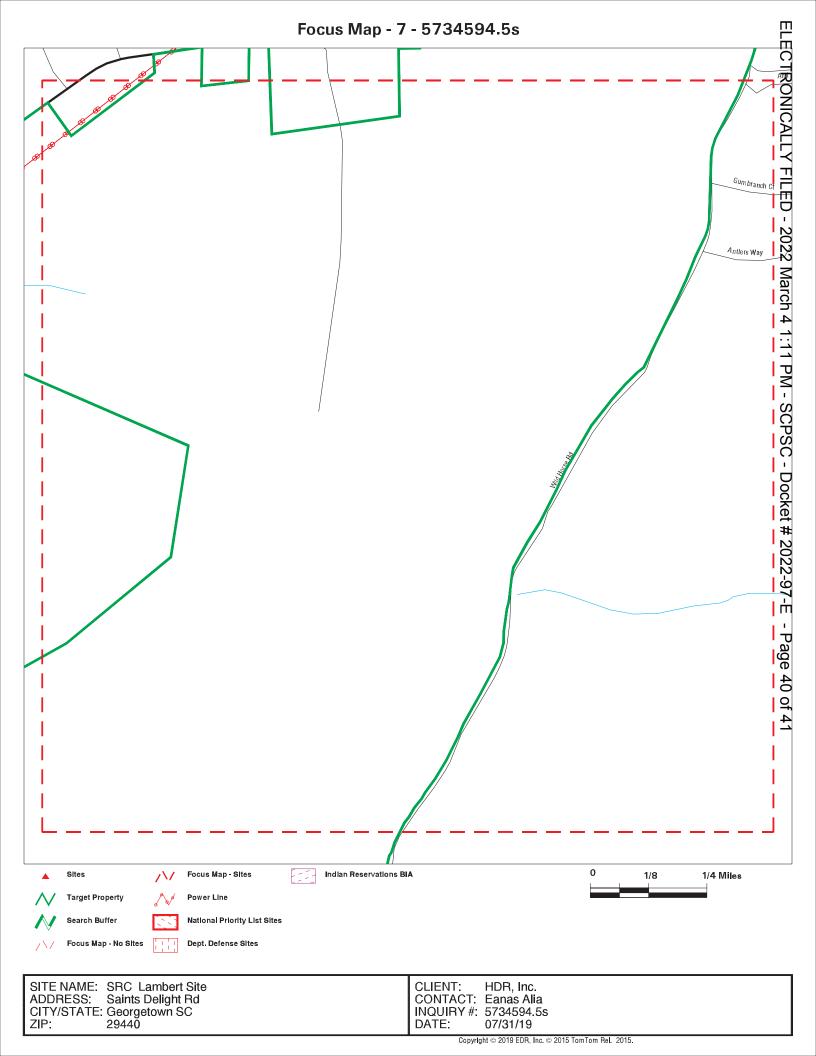
FOCUS MAP SITE NAME

ADDRESS

DATABASE ACRONYMS

DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND



### SOUTH CAROLINA GOVERNMENT WELL RECORDS SEARCHED

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at

least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after

August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

State Wetlands Data: Wetlands Inventory Source: Department of Natural Resources

Telephone: 803-734-9494

South Carolina Water Well Database

Source: Department of Natural Resources

Telephone: 803-734-6440

Water wells in the Coastal Plain counties of South Carolina.

Water Well Database

Source: Department of Natural Resources

Telephone: 864-654-1671

A listing of water wells in the Piedmont (upstate) counties.

#### STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.